

Chapter 16.07
THIS CHAPTER WILL NOT GO INTO EFFECT UNTIL
DECEMBER 31, 2018

Chapter 7 will not go into effect until December 31, 2018.

However, Indiana Code 22-11-18-3.5 requires all dwellings to have at least one functional smoke detector installed as follows:

- (1) According to the manufacturer's instructions;
- (2) Outside of each sleeping area in the immediate vicinity of the bedrooms;
- (3) On the ceiling or wall not less than four (4) inches or more than twelve (12) inches from the ceiling. However, a smoke detector may not be recessed into a ceiling.
- (4) On each additional story of the dwelling, including basements, cellars, and habitable attics. Unless there is a door between levels in dwellings with split levels, a smoke detector must be installed only on the upper level with split levels, a smoke detector must be installed only on the upper level if the lower level is less than one (1) full story below the upper level.

SMOKE DETECTORS

16.07.010 Smoke Detectors Required in Residential Rental Units.

Every residential rental unit shall be equipped with at least one approved smoke detector in accordance with the standards and guidelines promulgated by the National Fire Alarm Code 2007 Edition as established by National Fire Protection Association 72.

16.07.020 Installation.

(a) Approved single-and multiple-station smoke detectors shall be installed as follows:

- (1) In all sleeping rooms;
- (2) On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms;
- (3) In every room in the path of the means of egress from the sleeping area to the door leading from the sleeping unit; and
- (4) On every level of a dwelling unit, including basements.

(b) Smoke detectors shall be arranged so that the operation of any smoke detector causes all alarms within the dwelling unit to sound.

(c) All smoke detectors shall be installed in accordance with the manufacturer's published instructions and applicable electrical standards.

(d) All smoke detectors shall be so located and mounted so that accidental operation is not caused by jarring or vibration.

(e) All smoke detectors shall be mounted so as to be supported independently of its attachment to wires.

(f) Smoke detectors mounted on a flat ceiling shall be located no closer than 4 inches from the adjoining wall surface.

(g) Smoke detectors mounted on a peaked ceiling shall be located within 36 inches horizontally of the peak, but not closer than 4 inches vertically to the peak.

(h) Smoke detectors mounted on a sloped ceiling having a rise greater than 1 foot in 8 feet horizontally shall be located within 36 inches of the high side of the ceiling, but no closer than 4 inches from the adjoining wall surface.

(i) Smoke detectors mounted on walls shall be located no closer than 4 inches from the adjoining ceiling surface and not farther than 12 inches from the adjoining ceiling surface.

(j) The installation of smoke detectors shall comply with the following requirements:

- (1) Smoke detectors shall not be located where ambient conditions, including humidity and temperature, are outside the limits specified by the manufacturer's published instructions.
- (2) Smoke detectors shall not be located within unfinished attics or garages or in other spaces where temperatures can fall below 40 degrees Fahrenheit or exceed 100 degrees Fahrenheit.
- (3) Where the mounting surface could become considerably warmer or cooler than the room, such as a poorly insulated ceiling below an unfinished attic or an exterior wall, smoke detectors shall be mounted on the inside wall.
- (4) Smoke detectors installed within a 20 foot horizontal path of a cooking appliance shall be equipped with an alarm-silencing means or be of the photoelectric type.
- (5) Smoke detectors shall not be installed within a 36 inch horizontal path from a door to a bathroom containing a shower or tub.
- (6) Smoke detectors shall not be installed within a 36 inch horizontal path from the supply registers of a forced air heating or cooling system and shall be installed outside of the direct airflow from those registers.
- (7) Smoke detectors shall not be installed within a 36 inch horizontal path from the tip of the blade of a ceiling-suspended (paddle) fan.
- (8) Where stairs lead to other occupied levels, a smoke detector shall be located so that smoke rising in the stairway cannot be prevented from reaching the smoke detector by an intervening door or obstruction.
- (9) For stairways leading up from a basement, smoke detectors shall be located on the basement ceiling near the entry to the stairs.
- (10) For tray-shaped ceilings (coffered ceilings) smoke detectors shall be installed on the highest portion of the ceiling or on the sloped portion of the ceiling within 12 inches vertically down from the highest point

(j) Smoke detectors shall be replaced in accordance with the manufacturer's instructions.

16.07.030 Power Supplies.

(a) Primary Power Source. Smoke detectors shall be powered by the building's permanent wiring and said wiring shall not contain a disconnecting switch, unless the switch is required for over current protection.

(b) Secondary (Standby) Power Source. Smoke detectors shall also be equipped with batteries to act as a secondary power source if the primary power source is disabled or malfunctions.

16.07.040 Equipment Performance.

Each smoke detector shall detect abnormal quantities of smoke, shall operate in the normal environmental conditions, and shall be in compliance with applicable standards such as ANSI/UL 268, *Standards for Safety Smoke Detectors for Fire Alarm Signaling Systems*, or ANSI/UL 217, *Standard for Safety Single and Multiple Station Smoke detectors*.

16.07.050 Interconnection of Detectors.

(a) The interconnection of smoke detectors shall comply with the following:

- (1) Smoke detectors shall not be interconnected in numbers that exceed the manufacturer's published instructions;
- (2) In no case shall more than 12 smoke detectors be interconnected where the interconnecting means is not supervised;
- (3) In no case shall more than 42 smoke detectors be interconnected where the interconnecting means is supervised; and
- (4) Smoke detectors shall not be interconnected with alarms from other manufacturers unless listed as being compatible with the specific model.

(b) All smoke alarms shall be interconnected in such a manner that the actuation of one alarm will activate all alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.

(c) Smoke alarms may be interconnected via radio frequencies.

(d) A single fault on the interconnecting means between multiple-station smoke detectors shall not prevent single-station operation of any of the interconnected alarms.

(e) Remote notification appliance circuits of multiple-station alarms shall be capable of being tested for integrity by activation of the test feature on any interconnected alarm. Activation of the test feature shall result in the operation of all interconnected notification appliances.

16.07.060 Tenant's Responsibilities Regarding Smoke Detectors.

(a) It is the responsibility of a tenant to test the smoke detectors within his/her residential rental unit at least one time every month.

(b) The tenant is responsible for replacement of any required batteries in the smoke detector in the tenant's residential rental unit, except that the owner shall ensure that the batteries are in operating condition at the time the tenant takes possession of the residential rental unit.

(c) The tenant shall be responsible for notifying the owner if the tenant becomes aware of an inoperable or deficient smoke detector within his/her residential rental unit.

16.07.070 Owner's Responsibilities Regarding Smoke Detectors.

(a) It is the responsibility of the owner to ensure that any batteries necessary to supply the smoke detector with secondary power in his/her residential rental unit operational are provided to the tenant at the time the tenant takes possession of the residential rental unit.

(b) The owner shall correct any reported deficiencies or inoperabilities in a smoke detector installed in his/her residential rental unit when made aware of any such deficiency or inoperability within seven working days of being given written notification of the need to repair or replace the smoke detector.

16.07.080 Documentation.

The owner of a residential rental unit, upon request, shall provide HAND with the documentation required by Ind. Code 32-31-5-7 showing that the tenant acknowledged, in writing, that he/she had taken possession of the unit with a functional smoke detector in place.

16.07.090 Effective date.

(a) All newly registered residential rental units with applications filed after January 1, 2014 shall comply with this Chapter.

(b) All residential rental units where a Certificate of Zoning Compliance is issued in accordance with BMC 20.09.220 and in conjunction with an application for a permit by the Monroe County Building Department filed after January 1, 2014 shall comply with this Chapter.

(c) All residential rental units with a valid occupancy permit shall comply with this Chapter no later than December 31, 2018.